

COUNTY OF ANGUS



# **Annual Report**

OF THE


**MEDICAL OFFICER  
OF HEALTH**

FOR THE YEAR

**1960**

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*Review Press, Montrose*



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PUBLIC HEALTH DEPARTMENT,

RAVENSWOOD,

FORFAR, 28th April, 1961.

To—

The County Council of Angus.

The Town Councils of Brechin, Carnoustie, Kirriemuir  
and Montrose.

The Department of Health for Scotland.

My Lords, Ladies and Gentlemen,

In accordance with the requirements of the Department of Health for Scotland Circular No. 91/60, I herewith submit my Report on the Health of the County during the year 1960, together with a Report on the School Medical Service for the year ending 31st July, 1960.

I am,

Your obedient Servant,

(Signed) J. MACFARLANE THOMSON,

Medical Officer of Health.

## STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health ... ..	J. M. Thomson, M.B., Ch.B., D.P.H.
Deputy Medical Officer of Health	Walter Burnett, M.B., Ch.B., D.P.H.
Assistant Medical Officers of Health ... ..	(1) Margaret D. Hird, M.B., Ch.B., D.P.H.
	(2) Alan Herschell, M.B., Ch.B., D.P.H.
Chief Dental Officer ... ..	Anthony L. Cadenhead, L.D.S.
Assistant Dental Officers ... ..	(1) Ena A. Millar, L.D.S.
	(2) Elizabeth J. Mann, L.D.S.
	(3) Douglas Anderson, L.D.S.
Chiropodist ... ..	William Beedle, M.Ch.S.
Assistant Chiropodist ... ..	Mrs S. R. Anderson (appointed December).
Speech Therapist ... ..	Dorothy M. Murdoch (now Mrs Brewster).
Sanitary Inspector ... ..	Robert A. Taylor.
Senior Assistant Sanitary Inspector ... ..	Thomas Gordon.
Assistant Sanitary Inspectors ...	(1) Lawrence D. McGregor.
	(2) William M. B. Henderson.
	(3) Russell F. Davidson.
Milk Officer ... ..	Christian J. W. Gall, B.Sc (Agric.), N.D.D.
Superintendent of Nurses ... ..	Elizabeth M. Proctor, S.R.N., S.C.M., Q.N., H.V.
Deputy Superintendent of Nurses	Margaret H. Mitchell, S.R.N., S.C.M., Q.N., R.F.N., H.V.
Dental Attendants ... ..	(1) Davina S. Strachan.
	(2) Moira G. Scott.
	(3) Una Potter.
	(4) Mary Ferguson (resigned October).
	(5) Jane A. D. Brown (commence October).

### NURSING STAFF

#### HEALTH VISITORS/SCHOOL NURSES.

Margaret Burness, S.R.N., S.C.M., H.V.  
 Eleanor M. Grieve, S.R.N., R.F.N.  
 Agnes M. MacPhail, S.R.N., S.C.M., Ex-Q.N., H.V.  
 Patricia Marshall, S.R.N., S.C.M., H.V.  
 Alice Pirrie, S.R.N., S.C.M., Q.N., H.V.  
 Margaret Anderson, S.R.N., S.C.M., Q.N., H.V.

#### NURSING DISTRICT

Forfar Burgh.  
 Forfar Burgh  
 Brechin Burgh.  
 Carnoustie Burgh.  
 Montrose Burgh.  
 Montrose Burgh.

#### SCHOOL NURSE.

Edith Mary Smart, S.R.N., C.M.B.

Arbroath Burgh.

#### DISTRICT NURSE/MIDWIFE/HEALTH VISITORS.

Margaret I. Coutts, S.R.N., S.C.M., Q.N.

Airlie (resigned March).

Phyllis Donald, S.R.N., S.C.M., Q.N., H.V.

Airlie (commenced March).

Marjorie H. Ogilvie, S.R.N., S.C.M., Q.N.  
 Annie J. Downie, S.R.N., S.C.M., Q.N., H.V.  
 Barbara Ann Bruce, S.C.M.  
 Elizabeth McN. Anderson, S.R.N., S.C.M.,  
 Q.N.  
 Elizabeth O. Budka, S.R.N., S.C.M., Q.N.  
 Jane C. Edwards, S.R.N., S.C.M., Q.N.  
 Isabella J. Stronach, S.R.N., S.C.M., Q.N.

Flora McPhail, R.F.N., S.C.M.  
 Margaret C. Anderson, S.R.N., S.C.M., Q.N.  
 Hannah C. Mitchell, S.R.N., S.C.M., Q.N.  
 Janet M. Grant, S.R.N., S.C.M., Q.N.  
 Alexa D. Robertson, S.R.N., S.C.M.  
 Ann B. Beattie, S.R.N., S.C.M., Q.N.  
 Elizabeth W. W. Stalker, S.R.N., S.C.M., Q.N.  
 Elizabeth D. McKelvie, S.R.N., S.C.M., Q.N.  
 Muriel M. Coutts, S.R.N., S.C.M., Q.N.

Georgina McTear, S.R.N., S.C.M., Q.N.

Arbirlot.  
 Auchterhouse.  
 Careston.  
 Edzell.

Friockheim.  
 Hillside.  
 Inverarity (died  
 September).  
 Inverkeilor.  
 Kirriemuir.  
 Kirriemuir Landward  
 Letham.  
 Monifieth.  
 Monikie.  
 Murroes.  
 Newtyle.  
 Southesk (resigned  
 February).  
 Southesk (com-  
 menced February).

#### DISTRICT NURSE/MIDWIVES

#### NURSING DISTRICT

Catherine E. MacKenzie, S.R.N., S.C.M., Q.N.  
 Grace Stewart, S.R.N., S.C.M., Q.N.  
 Margaret Forrest, S.R.N., S.C.M., Q.N.  
 Margaret C. Swan, S.R.N., S.C.M.  
 Doris M. Hankins, S.R.N., S.C.M., Q.N.  
 Jemima W. Grieve, S.R.N., S.C.M., Q.N.  
 Margaret Thornton, R.G.N.

Brechin.  
 Brechin.  
 Carnoustie.  
 Carnoustie.  
 Forfar.  
 Montrose.  
 Montrose.

#### CLERICAL STAFF.

Davina Galloway	...	...	...	Senior Clerkess.
Margaret D. McIntosh	...	...	...	Clerkess-Typist.
Elizabeth B. Wilkie	...	...	...	Clerkess-Typist.
Constance D. Stewart	...	...	...	Clerkess-Typist.
Anne Watson	...	...	...	Junior Clerkess-Typist.
Margaret Ritchie	...	...	...	Junior Clerkess-Typist.
Vanda V. Konkol	...	...	...	Junior Clerkess-Typist.
Jean Findlay	...	...	...	Junior Clerkess-Typist.
Mary McLaren	...	...	...	Junior Clerkess-Typist (Com- menced March).
Mira C. Reid	...	...	...	Clerkess-Typist, Sanitary Depart- ment (Resigned March).
Patricia Robertson	...	...	...	Clerkess-Typist, Sanitary Depart- ment (Commenced March)
Ruth Fraser	...	...	...	Junior Clerkess-Typist, Sanitary Department.

# CLINIC SESSIONS

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## FORFAR BURGH—

At Ravenswood.

Monday	...	...	9.30 a.m.	Minor Ailments (School Medical Service).
Monday	...	...	9 - 4 p.m.	Speech Therapy.
Monday	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Tuesday—1st			9.30-12 noon	Specialist Clinic (Orthopædic) (Monthly).
Tuesday	...	...	2 - 4 p.m.	Child Welfare.
Wednesday	...	...	9.30-4 p.m.	Physiotherapy Treatment.
Thursday	...	...	1.30 p.m.	Specialist Eye Clinic (Fortnightly). (Also additional clinics when required.)
Thursday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).

## BRECHIN BURGH—

At Damacre Road.

Monday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Monday	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Tuesday	...	...	9-12 noon	Speech Therapy.
Wednesday	...	...	2 - 4 p.m.	Child Welfare.
Wednesday	...	...	10.30 a.m.	Minor Ailments (School Medical Service).
Thursday (by arrangement)	...	...	9.30 a.m.	Specialist Eye Clinic (Fortnightly).

## MONTROSE BURGH—

At Esk House.

Monday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Monday	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Wednesday (by arrangement)	...	...	1.00 p.m.	Specialist Eye Clinic (Fortnightly).
Wednesday	...	...	11.30 a.m.	Minor Ailments (School Medical Service).
Wednesday	...	...	9 - 4 p.m.	Speech Therapy.
Thursday (by arrangement)	...	...	9.30 a.m.	Specialist Eye Clinic (Fortnightly).
Friday	...	...	2 - 4 p.m.	Child Welfare.
Mothercraft Clinic on Thursday,			2.30-3.30 p.m.	
Baby Weighing Clinic on Tuesday afternoon.				

## CARNOUSTIE BURGH—

At 18 High Street.

Thursday	...	...	2 - 4 p.m.	Child Welfare.
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At Carnoustie School.

Thursday			9-12 noon	Speech Therapy.
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## MONIFIETH BURGH—

At Seaview.

Monday	...	...	2-4 p.m.	Child Welfare.
Thursday	...	...	9-12 noon	Speech Therapy.

## ARBROATH BURGH—

At 7 Hill Street.

Monday	...	...	9.30-1 p.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Monday	...	...	2-4 p.m.	Minor Ailments (School Medical Service).
Tuesday—2nd, 3rd and 4th	...	...	9.30-12 noon	Specialist Clinic (Orthopædic).
Wednesday (by arrangement)	...	...	1.30-4 p.m.	Specialist Eye Clinic.
Thursday	...	...	2-4 p.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Thursday (by arrangement)	...	...	9.30-1 p.m.	Specialist Eye Clinic.
Friday	...	...	9.30-4 p.m.	Physiotherapy Treatment.
Friday	...	...	9-4 p.m.	Speech Therapy.
Saturday	...	...	9.30-12 noon	Physiotherapy Treatment

At Dewar House.

Monday	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
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**Mothers' Advisory Clinics** (Birth Control) are held at Brechin, Forfar, Montrose, Carnoustie, and Arbroath, by appointment with cases referred by family practitioners.

**Chiropody Clinics** are held by appointment at:—

7 Hill Street	...	...	Arbroath.
Esk House Clinic	...	...	Montrose.
Damacre Clinic	...	...	Brechin.
Ravenswood Clinic	...	...	Forfar.
Clinic, 18 High Street	...	...	Carnoustie.
Clinic, Seaview School	...	...	Monifieth.
Nurse's House	...	...	Kirriemuir, Hillside, Letham, and Friockheim.

**Home Visits** are paid to Burgh Cases who are unable to attend the Clinic and in the case of Country Cases where there is no convenient Clinic or suitable accommodation available in the District Nurse's house serving the area.



## VITAL STATISTICS

The Registrar General estimated the mid-year population for the year 1960 to be 77,078 which compares with 77,535 in 1959 and 78,251 in the 1951 census.

Burgh of Brechin	...	...	...	...	7,325
Carnoustie	...	...	...	...	5,187
Forfar	...	...	...	...	10,097
Kirriemuir	...	...	...	...	3,460
Monifieth	...	...	...	...	3,335
Montrose	...	...	...	...	10,715
					<hr/>
Total Burghal	...	...	...	...	40,119
Landward	...	...	...	...	36,959
					<hr/>
					77,078
					<hr/>

### BIRTHS.

The live births allocated to the county during 1960 numbered 1,182 giving a birth rate of 15.3 which compares with 1.211 and a rate of 15.6 in 1959. The birth rate for Scotland in 1960 was 19.4 per 1,000 population.

The following table details the live births. In column (1) All births registered according to place of birth within the county, and in column (2) Births corrected for transfer (births allocated to area of the mother's residence) i.e. total births of all children whose parents reside in the county.

	(1) No. of Births (Live) Registered.	(2) No. of Births (Live) Corrected for Transfer.
Landward	347	559
Burgh of Brechin	12	131
Carnoustie	5	68
Forfar	401	148
Kirriemuir	2	47
Monifieth	9	47
Montrose	6	182
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	782	1,182

### STILL BIRTHS.

After correction for transfer there were 23 still births allocated to the county in 1960 giving a rate of 19 per 1,000 total births, which compares with 31 still births and a rate of 25 in 1959. The rate for Scotland in 1960 was 22 per 1,000 total births. Of the 23 still births in 1960, 21 occurred in hospitals or maternity homes and 2 in domiciliary confinements.



## DEATHS.

After correction for transfer there were during the year 983 deaths of persons normally resident in the county giving a death rate of 12.8 per 1,000 of the population compared with 913 deaths and a rate of 11.8 in 1959. The deaths were distributed in the various age-groups as follows :—

Under 1 year	...	...	...	...	...	21
From 1- 4 years	...	...	...	...	...	5
5- 9 years	...	...	...	...	...	4
10-14 years	...	...	...	...	...	6
15-24 years	...	...	...	...	...	15
25-34 years	...	...	...	...	...	12
35-44 years	...	...	...	...	...	24
45-54 years	...	...	...	...	...	68
55-64 years	...	...	...	...	...	138
65-74 years	...	...	...	...	...	257
75-84 years	...	...	...	...	...	308
85 years and over	...	...	...	...	...	125

During the year the diseases responsible for the largest number of deaths were :—

Diseases of the Heart	...	...	...	...	387
Diseases of the Nervous System (including 161 due to cerebral hæmorrhage)	...	...	...	...	178
Malignant Disease	...	...	...	...	185
Diseases of the Respiratory System	...	...	...	...	49
Diseases of the Digestive System	...	...	...	...	33
Tuberculosis	...	...	...	...	7

There were 53 deaths from violence in 1960, including 5 by suicide, 25 by motor vehicles, and 23 by other forms of violence of which 19 were deaths following accidents in the home. It should be noted that deaths by violence increased from 40 in 1959 to 53 in 1960. Deaths by suicide fell from 10 in 1959 to 5 in 1960, but road accidents deaths increased from 8 in 1959 to 25 in 1960 and accidents in the home from 12 to 19 in 1960. Deaths from all causes in the age groups, 1 year to 24 years, increased from 14 in 1959 to 30 in 1960 and this increase was largely due to road accidents which accounted for 12 deaths in this age group in 1960. This is the first time in recent years that deaths from road accidents have exceeded accidents in the home, although both are up compared with years 1957-1959.

## INFANTILE MORTALITY.

During the year 1960 there were 21 deaths in children under 1 year giving an infantile mortality rate of 18 per 1,000 live births which compares with 30 deaths and a rate of 25 in 1959, and 27 deaths and a rate of 23 in 1958. The infantile mortality rate for Scotland in 1960 was 26 per 1,000 live births.

**CAUSE OF DEATH.**

Cause of Death.	0 - 1 week.	1 - 2 weeks.	2 - 4 weeks.	1 - 3 mts.	3 - 6 mts.	6 - 12 mts.	Total
Prematurity	7	—	—	—	—	—	7
Atelectasis	3	—	—	—	—	—	3
Congenital							
Malformations	4	1	—	—	—	—	5
Pneumonia	—	—	1	1	—	1	3
Intussusception	—	—	—	—	1	—	1
Asphyxia	—	—	—	1	1	—	2
Total	14	1	1	2	2	1	21

The deaths in children under 4 weeks numbered 16 giving a neo-natal death rate of 14 per 1,000 live births. The corresponding rate for Scotland in 1960 was 18 per 1,000 live births.

**DEATHS FROM TUBERCULOSIS.**

Deaths from all forms of Tuberculosis numbered 7 in 1960. compared with 4 in 1959 and 14, 8, 8, 7, and 15. in the years 1958 to 1954 respectively. Of the 7 deaths in 1960, all were due to pulmonary tuberculosis. Three of the deaths occurred in persons over 65 years of age.

The death rate for tuberculosis (all forms) was 0.09 in 1960. For the pulmonary form of the disease the rate was 0.9 compared with 0.05 in 1959. There were no deaths from the non-pulmonary form of the disease. The corresponding rates for Scotland in 1960 were, Tuberculosis (all forms) 10; Pulmonary Tuberculosis 9; Non-Pulmonary Tuberculosis 1 per 100,000.

**DEATHS FROM INFECTIOUS DISEASES.**

There was 1 death from infectious diseases, due to Influenza, giving a death rate of 0.01. The rate for Scotland in 1960 was 3 per 100,000.

**SENILE DEATHS.**

The number of persons attaining the age of 65 years of age and upwards was 690 giving a senile death rate of 70.2 per 100 deaths.

**MATERNAL DEATHS.**

There was one death from child birth in 1960 due to pulmonary embolism, giving a death rate of 0.83 per 1,000 births. The rate for Scotland in 1960 was 0.3 per 1,000 births.

# LOCAL AUTHORITY FUNCTIONS

## 1. MIDWIFERY

### BIRTHS IN ANGUS.

The number of births occurring in the County during 1960 and before transfer according to the mother's residence was 794, of whom 783 were live births and 11 still births. The comparison with the last 5 years is given below.

#### Births in Angus before Transfer.

Year	Total Births	Live Births	Still Births.
1956	921	906	15
1957	929	912	17
1958	859	849	10
1959	885	869	16
1960	794	783	11

Of the 794 births in the area during 1960, 95 or 12% were born at home and 699 or 88% in the Maternity Homes (Fyfe-Jamieson 404 or 51% ; Charleton 294 or 37%; while 1 birth occurred in Stracathro Hospital). Of all births allocated to Angus after transfer, i.e. 1,182 live births plus 23 still births only 95 or 7.9% were born at home, compared with 9.7% in 1958 and 1959.

The following table gives details of the attendance at birth:

1. Cases dealt with under the County Council's Midwifery Scheme.  
Midwives provided by the Local Authority.
 

(1) Doctor engaged and present	...	...	...	...	13
(2) Doctor engaged but not present	...	...	...	...	78
(3) B.B.A.	...	...	...	...	4
2. Other Domiciliary Confinements.
 

(1) Privately engaged midwives	...	...	...	...	0
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3. Maternity Home Confinements.
 

(1) Doctor engaged and present.					
Fyfe-Jamieson	...	...	...	...	292
Charleton	...	...	...	...	70
Ashludie Hospital	...	...	...	...	1
(2) Doctor engaged but not present.					
Fyfe-Jamieson	...	...	...	...	111
Charleton	...	...	...	...	224
Brechin Infirmary	...	...	...	...	1

The number of Nurses employed full time by the County Council and undertaking the combined duties of midwifery and home nursing remained at 24 during the year (i.e. excluding the Superintendent and Assistant Superintendent) and 1 nurse from Perthshire employed part-time for the Glenisla district. Throughout the year the Montrose Burgh District operated 1 under their complement of 4 Nurses.

In addition to the ante-natal supervision of expectant mothers booked to be confined at home, the Nurses also give ante-natal supervision to all mothers booked for confinement at the Fyfe-Jamieson or Charleton Maternity Homes. During the year, 1,282 expectant mothers received 5,187 ante-natal visits from the District Nurses.

All District Nurse/Midwives are trained in the use of gas and air analgesia and each of the 22 nursing districts in the county is equipped with gas and air analgesic apparatus. In 1960, of the 95 domiciliary confinements undertaken by the Nurses 48 received gas and air analgesia, and in 33 cases pethidine analgesia was administered.

The Medical supervision of the Midwives is carried out by the Medical Officer of Health while the County Nursing Superintendent carries out the non-medical supervision in terms of the 1915 Midwives Act.

## 2. CARE OF MOTHERS AND YOUNG CHILDREN

The ante-natal supervision of the expectant mother as explained in previous reports is carried out by the District Nurse/Midwife by home visitations. Not only are the cases who engage the District Nurse to attend at the confinement in the patient's own home so visited, but also the cases booked for confinement at the Maternity Homes at the Fyfe-Jamieson, Forfar, and Charleton. Montrose, are given the same supervision on notification by the Matron. Following the births, visits are paid by the District Nurse or Health Visitor to advise on matters concerning the care of the child and the mother's welfare.

### Maternal and Child Welfare Visitation, 1960.

	No. Visited.	Total Visits.
Expectant Mothers	1,282	5,187
Children under 1 year	2,563	18,239
Children between 1 and 5 years	5,247	15,905

## CHILD WELFARE

In addition to these domiciliary visitations referred to above, child welfare clinic sessions are held weekly at Forfar, Brechin, Montrose, Carnoustie and Monifieth at which advice on maternal and child welfare matters is given by the Medical and Nursing Staff. Immunisation against Diphtheria, and vaccination against Small-pox is also provided. During 1960 a total of 1,048 children attended these clinics on 5679 occasions as follows :—

	No. of Children attending		Total Visits.	
	Under 1 year.	1-5 years.	Under 1 year.	1-5 years.
Brechin	80	40	390	78
Carnoustie	89	90	454	250
Forfar	138	37	869	178
Montrose	263	193	1,794	873
Monifieth	78	40	509	284

In Montrose mothercraft sessions for expectant mothers, especially for those expecting their first baby are also held, and during 1960 forty expectant mothers attended these sessions on 152 occasions.

## DENTAL CARE.

During the year 50 cases were given dental treatment under the Local Authority's Scheme for the dental care of the expectant and nursing mother and pre-school child. Treatment is carried out by the County Council Dental Staff as an extension of the School Dental Service. Cases are seen by appointment at the nearest burgh clinic. All cases were inspected and treated during the year. Of the 50 cases, 7 were nursing mothers, 7 expectant mothers and 36 were children under school age.

## ORTHOPÆDICS.

During the year 657 children under 5 years of age, suffering from various crippling defects were dealt with under the scheme.

	County.	Arbroath	Burgh.
No. of Cases referred to Specialist	393		264
No. of Cases referred for Hospital treatment	3		2
No. of cases receiving			
Physiotherapy treatment	69		49

## EYES.

During 1960, 26 children under 5 years of age, mainly suffering from squint, were referred for specialist advice and treatment through the School Medical Service. All children entering school at the age of 5 years, at the routine medical examination are now eye tested in accordance with D.H.S. Circular 43/1957.

## MOTHERS' ADVISORY SERVICE.

During 1960, General Practitioners referred 187 married women for advice on birth control where it was considered that further pregnancies would be detrimental to the mother's health. All cases are seen by appointment at special sessions held in the clinics at Arbroath, Forfar, Brechin, Montrose, Carnoustie and Monifieth, or after the weekly child welfare clinic sessions. In addition, 268 cases were re-called for "check-up" involving in all, 549 examinations.

	No. of Special Sessions-held.	No. of New Cases Seen.	Cases Re-examined	Total Attendances
Arbroath	24	72	90	207
Forfar	8	25	33	70
Montrose	18	42	75	134
Carnoustie	5	25	34	72
Brechin	10	18	28	51
Monifieth	—	5	8	15



In addition to these cases, 52 expectant mothers attended clinics for blood testing in connection with the Rhesus Blood Group. These cases are all referred for this examination by the Family Doctors.

### RH. TESTING—1960

No. attending Ravenswood Clinic during the year 52

### WELFARE FOODS.

These foods are supplied by the Department of Health and a contribution to the National Exchequer is made by the recipients by way of stamps. The local authority is only concerned in the distribution of these foods—National Dried Milk for infant feeding, Orange Juice and Cod Liver Oil for children, and Vitamin Tablets for expectant and nursing mothers. In the rural areas these foods are distributed by nurse when making her routine monthly visits under the infant welfare scheme, but for older children the foods are obtained at the nurse's cottage on Wednesdays between the hours of 3.30 and 4.30 p.m. In the burghs the foods are obtained at the local clinics during the infant welfare sessions. At Kirriemuir the distribution is undertaken by the Local W.V.S. at the Red Cross Centre. At Ferryden, the wife of the local headmaster undertakes distribution at the school premises. A few cases still request delivery by post, but in these cases the postage has to be prepaid by the recipient, and during 1960 only 3 persons requested dried milk by post each on one occasion.

### Distribution of Welfare Foods during 1960 at Clinics and by Nurses. etc.

No. of Tins	No. of Bottles of	No. of Packets of
Dried Milk.	Cod Liver Oil. Orange Juice.	Vitamin Tablets.
21,555	4,216	2,6811
		2,218

### 3. HEALTH VISITING

During the year 5 full-time health visitors were engaged on all health visiting duties including tuberculosis and school health work while 18 district nurses were employed in the combined duties of home nursing, midwifery and health visiting. The full-time health visitors cover the burghs of Forfar, Brechin, Montrose and Carnoustie and District Health Visitors are concerned with the care of expectant and nursing mothers and young children referred to in the last section; the care of the tuberculous and their family contacts referred to in the section on tuberculosis; the school nursing service which entails school visitations to assist at the annual inspection and monthly visitations regarding the cleanliness of the school children and where necessary the follow up by home visitation of these found to be verminous. Special visitations are also paid in connection with certain of the infectious diseases. Health visitation of the aged has been increasing and many visits have to be paid in connection with the home help service, especially where the person

receiving assistance is in the aged group. During the year 5,054 welfare visits were made to old persons and 1,214 visits in connection with the home help service. The burgh health visitors also staff the various clinic sessions held in the burgh clinics under the various schemes of the local authority.

A Health Visitor is appointed primarily for the additional work involved in connection with the schemes for **B.C.G. vaccination** and poliomyelitis vaccination and also to assist in the other immunisation schemes of the local authority, and while these various schemes occupy most of her time she is also available from **time to time** to undertake additional health visiting duties such as tuberculosis visiting.

During the year health visitors paid 49,993 visits which are classified as under, compared with 40,427 visits in 1959.

	No. Visited.	Total Visits.
Expectant Mothers ... ..	1,282	5,187
Children under 1 year ... ..	2,563	18,239
Children 1-5 years ... ..	5,247	15,905
Tuberculosis ... ..	620	2,143
Other Cases, Infectious Diseases, Old Persons, etc. ... ..	1,934	8,519
	<hr/> 11,646 <hr/>	<hr/> 49,993 <hr/>

#### 4. HOME NURSING

The County Council employs 26 nurses in the home nursing service, and, in addition, by arrangement with Perthshire, the Alyth District Nurse undertakes the combined duties of nursing, midwifery and health visiting in the Glenisla area of Angus. During the whole of 1960, the Montrose Burgh and District was operated with 3 nurses being 1 under full staffing. During the year, of the 25 nurses employed, 18 were undertaking the combined duties of nursing, midwifery and health visiting, 6 nursing and midwifery (being 1 short in Montrose) and 1 general nursing only. In addition to these 25 nurses there are employed 6 full time health visitors and 1 school nurse with 1 nursing superintendent and her assistant.

During 1960, a total of 2982 new cases (1153 over 65 years and 1829 under 65 years) were seen by the district nurses under the domiciliary nursing scheme which, with those cases carried over from 1959 gave a total of 3590 cases seen in 1960 involving 61,618 visits. Of their visits 41,472 were paid to patients 65 years and over, and 20,146 to cases under 65 years of age.

The following table gives the number of each type of case dealt with (including cases on the lists at 31/12/59).



		Type of Case.					Total No. of Cases
Medical.	Cerebral	...	...	...	...	...	140
	Cardiac	...	...	...	...	...	205
	Bronchitis	...	...	...	...	...	107
	Pulmonary	...	...	...	...	...	33
	Abdominal	...	...	...	...	...	86
	Malignant	...	...	...	...	...	98
	Obstruction	...	...	...	...	...	11
	Renal Conditions	...	...	...	...	...	43
	Senility and Debility	...	...	...	...	...	264
	Disseminated Sclerosis	...	...	...	...	...	21
	Any Other Diseases	...	...	...	...	...	286
							<hr/> 1,294
Surgical.	Post-operative	...	...	...	...	...	156
	Burns	...	...	...	...	...	144
	Varicose Ulcers	...	...	...	...	...	98
	Cuts and Bruises	...	...	...	...	...	470
	Any Other Injury	...	...	...	...	...	222
							<hr/> 1,090
	No. of patients receiving enemas	...	...	...	...	...	155
	No. of patients receiving penicillin injections	...	...	...	...	...	283
	No. of patients receiving anahaemin injections	...	...	...	...	...	112
	No. of patients receiving insulin injections	...	...	...	...	...	28
	No. of patients receiving cytamin injections	...	...	...	...	...	294
	Gynæcological Patients—						
	Douching and changing pessaries	...	...	...	...	...	182
	No. of Patients attending for Home Treatment	...	...	...	...	...	152
							<hr/> 1,206
							<hr/> 3,590

#### Total Number of Injections Given :

Streptomycin	...	...	...	...	...	1005
Other Antibiotics	...	...	...	...	...	2057
Diuretics	...	...	...	...	...	5383
Liver injections	...	...	...	...	...	1687
Cytamin and Vitamin B.	...	...	...	...	...	7397
Insulin	...	...	...	...	...	3194
Other injections	...	...	...	...	...	189

Total 20912

The number of cases at 3,590 is 450 less than in 1959. There were 190 fewer general medical cases but 69 more surgical, while cases attended for specific injections, etc., numbered 329 less. In general the figures do not vary much from those in previous years; there is always a slight variation up or down in the number of

# SUMMARY OF NURSES' WORK FOR YEAR 1960.

District.	No. of New Cases.	Total No. of Visits to Cases.									Child Welfare Home Visits				Schools. No. of Children Seen and Treated.					Home Visits.	Hours on Duty.					
		Nursing Cases B/Forward	Elderly Patients 65 Yrs. & Over.	Patients Under 65 Yrs.	Maternity.	Patients 65 Yrs. and Over.	Patients Under 65 Yrs.	Ante-Natal.	Maternity.	Post-Natal.	Misc.	Home Helps.	Welfare Visits to Old People.	Tuberculosis	Infants Under 1 Yr.	Children 1-5 Yrs.	1st Visits.	Re-Visits.	1st Visits.			Re-Visits.	At Drs. Insp.	At Nurses' Insp.	1st Visits.	Re-Visits.
Airlie	10	16	46	2	516	248	89	13	24	61	4	158	12	46	286	111	265	67	909	19	17	1284	546	47	1877	
Auchterhouse	21	28	79	4	937	715	90	96	36	137	4	200	49	83	550	191	252	208	2065	8	5	1507	476	71	2054	
Arbirlot	29	36	80	9	1405	661	100	128	56	57	2	47	27	141	432	147	261	96	1001	5	1	1842	267	28	2137	
Brechin	49	40	30	11	4270	598	792	177	—	166	247	292	128	—	—	—	—	—	—	—	—	3913	276	—	4189	
Careston	8	45	29	—	1124	315	161	5	25	60	—	1652	22	61	457	139	226	180	1084	3	4	1416	674	45	2135	
Carnoustie	85	125	111	8	8563	1715	342	211	—	156	59	619	—	—	—	—	—	—	—	—	—	4408	389	—	4797	
Edzell	17	48	52	3	1283	543	152	48	24	112	—	148	54	55	259	122	334	137	885	2	—	1420	290	47	1757	
Forfar	49	79	62	5	3495	1671	92	56	—	19	124	76	6	—	—	—	—	—	—	—	—	2005	91	—	2096	
Friockheim	23	112	236	3	2032	698	159	96	25	205	19	107	101	79	397	49	297	153	3416	7	—	1802	320	58	2180	
Glenisla	3	6	6	1	241	43	57	31	3	11	—	2	24	26	87	23	77	71	400	3	—	340	159	24	523	
Hillside	25	50	123	1	1068	1398	151	19	28	337	174	299	75	63	389	147	475	209	2149	7	10	1403	520	58	1981	
Inverarity	14	59	61	1	674	617	116	7	20	131	3	159	36	54	276	152	338	257	1029	20	8	1143	629	39	1811	
Inverkeilor	12	44	170	5	877	936	298	107	12	197	1	118	9	94	534	121	274	438	1312	7	—	1462	502	77	2041	
Kirriemuir	18	56	38	3	1889	718	164	54	80	47	39	174	49	132	698	337	622	896	680	6	—	1935	463	83	2481	
Kirriemuir Landward	18	11	21	3	563	467	137	45	24	40	—	55	17	35	274	106	289	74	645	3	3	1259	800	69	2128	
Letham	28	58	185	8	1652	1059	273	124	36	41	—	182	17	98	487	101	297	182	1638	1	6	1644	674	74	2392	
Monifieth	29	80	53	10	1614	587	316	170	17	183	—	185	126	94	635	169	535	—	—	—	—	1727	639	—	2366	
Montrose	108	180	222	6	6618	4212	1138	92	4	29	452	154	33	43	242	48	166	70	1075	3	—	7620	730	42	8392	
Murroes	17	27	63	4	682	873	45	59	24	39	55	67	81	106	472	139	207	247	1442	11	28	1153	468	116	1737	
Newbigging	18	29	96	2	964	1126	83	45	32	106	—	126	8	46	354	143	341	150	617	—	—	1721	428	22	2171	
Newtyle	12	22	33	4	779	522	113	45	9	93	18	25	172	76	508	147	153	105	2654	5	6	1403	495	72	1970	
Southesk	15	2	33	2	226	424	175	32	19	43	—	209	14	50	413	177	224	90	1333	7	14	1321	418	51	1790	
	608	1153	1829	95	41472	20146	5043	1160	498	2220	1214	5054	1060	1382	7750	2569	5633	3630	23434	117	102	43728	10254	1029	55005	

# SUMMARY OF HEALTH VISITORS' WORK FOR YEAR 1960.

District	Child Welfare Home Visits.							Child Welfare Clinics.				Clinics.				Schools.			Hours on Duty																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	Infants Under 1 Yr.			Children 1-5 Yrs.				Infants Under 1 Yr.		Children 1-5 Yrs.		No. of Children Seen and Treated.		Home Visits.		No. of Children Seen and Treated.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Post-Natal.	Misc.	Tuberculosis.	1st Visits.	Re-Visits.	1st Visits.	Re-Visits.	1st Visits.	Re-Visits.	Orthopaedic.	M.D.	Mothers' Advisory.	At Drs. Insp.	At Nurses' Insp.	At School Clinic.		Visits.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

cases dealt with yearly and in the type of cases as classified in the table, e.g. the number of cases receiving daily insulin injections decreased from 59 in 1959 to 28 last year and the corresponding figures for the years 1955 to 1958 were 36, 42, 27, and 34. For the years 1960 to 1955 the total number of all cases seen by the district nurses in these years were respectively 3590, 4040, 4492, 4112, 4381, and 4110 in 1955.

In addition to providing the services of a district nurse, the local authority also provides general nursing equipment where this is required. This equipment is provided to any case when required whether the nurse be in attendance or not.

As reported last year, the various nursing associations continue to take an interest in the welfare of the sick and under their new charter have widened their interests and can now give financial assistance as well as material. From the County Nursing Superintendent, Miss Proctor, I have received a resumé of the activities of the various nursing associations in which the county nursing service took part, but is not inclusive of all the activities of these voluntary nursing associations, only of those activities in which Miss Proctor or the district nurses assisted.

#### **County of Angus Benevolent Fund.**

(Formed by the old nursing associations of Airlie, Auchterhouse, Arbirlot, Careston, Friockheim, Hillside, Inverkeilor, Inverarity, Kirriemuir Landward, Newbigging, Newtyle, and Southesk. The Fund is for the benefit of those areas.)

Financial assistance has been given to two cases requiring home help. At Xmas, parcels of food, and gifts of clothing and coals amounting in all to £250 was distributed to the elderly in these areas. One commode was gifted for use through the County District Nursing Service.

#### **Forfar Burgh.**

Food parcels were supplied to several of the sick and elderly. Two Dunlopillo cushions were added to the equipment of the district nurse.

#### **Carnoustie Burgh.**

Financial aid was given to persons requiring home helps and food parcels provided for the sick.

#### **Letham District.**

During 1960 the committee added 2 back-rests, 2 bed-cradles, 1 commode, bed pans and urinals and 1 tripod walking stick to the equipment of the district nurse. A steriliser was also supplied to the nurse for use in the clinic.

I would again record my appreciation of the help and interest given and shown by these nursing associations in the welfare of the sick and the elderly.



## 5. VACCINATION AND IMMUNISATION

### SMALLPOX VACCINATION.

The number of vaccinations recorded during 1960 was 1093 of which 822 were primary vaccinations and 271 re-vaccinations. The respective figures for 1959 were—858 primary and 267 re-vaccinations. The majority of those re-vaccinations were, as in former years, emigrants or travellers abroad who were required to be recently vaccinated in accordance with international regulations as enforced by the countries to which or through which they were travelling.

	Primary Vaccination.		Re-vaccination.	
	Successful.	No Reaction.	Successful.	No Reaction.
Born in 1960	467	31	—	—
Aged 1-5 years	274	22	6	2
Aged over 5 years	25	3	191	72

### DIPHTHERIA IMMUNISATION.

During the year 1067 children, mainly under 2 years of age, were immunised for the first time, and 1663 school children were given maintenance inoculations. These figures compare with 875 primary inoculations and 1140 maintenance inoculations in 1959. The percentage of pre-school children being immunised against diphtheria is higher than a few years ago.

Born in years.	No. of Children		No. of Children	
	Immunised for first time.		given maintenance inoculations.	
1956-60	...	1,022	...	57
1955 or earlier	...	45	...	1,606

### WHOOPIING COUGH.

As the combined whooping cough/diphtheria antigen is used almost universally by both the public health department and general practitioners most children receive protection against diphtheria and whooping cough at the same time. Many doctors now use the triple antigen and in addition to protecting the child against diphtheria and whooping cough also protects against tetanus.

	Under 5 years.	5-9 years.	10-14 inclusive.	Total.
Whooping Cough only	—	—	—	—
Whooping Cough/diphtheria	209	1	—	210
Whooping Cough/diphtheria/ tetanus	779	9	2	790
<b>Booster Doses.</b>				
Whooping Cough only	—	—	—	—
Whooping Cough/diphtheria	1	7	—	8
Whooping Cough/diphtheria/ tetanus	29	149	13	191
Total	1018	166	15	1,199

From this table it will be seen that of the 1067 children immunised for the first time against diphtheria, 210 were given protection again diphtheria and whooping cough, 790 were protected again diphtheria, whooping cough and tetanus; and only 67 received protection against diphtheria alone.

In the case of the booster dose, normally given at the age of 5 years on entry to school, of the 1663 children given these doses 8 received diphtheria/whooping cough, 191 diphtheria/whooping cough/tetanus, and 1464 diphtheria only.

## POLIOMYELITIS VACCINATION.

In February, 1960 vaccination was extended to cover all persons aged up to 40 years of age, i.e., born on or after 1920, and certain priority classes of all ages. During the year 2219 persons received immunisation with two injections, and 7065 persons received a third injection. The interval between the second and third injection remains at not less than seven months. In the months of March and November special evening sessions were held in the burghs to give third injections to the 15-25 year age group who had been immunised the previous year.

Vaccinated with two injections.	Children 6 Mths-14 Yrs.	Age- Group 15-24	Age- Group 25-40	Others.	Total
In years 1956-59	16,885	3,845	—	1,061	21,791
In 1960	1,292	229	605	93	2,219
Total at 31.12.60	18,177	4,074	605	1,154	24,010
Third Injections					
1959	13,482				
1960	7,065				
Total	20,547 persons fully immunised.				

## 6. PREVENTION, CARE AND AFTER-CARE

### A. TUBERCULOSIS.

#### Notifications.

The number of cases notified and confirmed as suffering from tuberculosis was 63 compared with 54 in 1959, 57 in 1958, 64 in 1957 and 77 in 1956. Of the 63 new cases, 49 were suffering from the respiratory form and 14 from the non-respiratory form of the disease compared with 46 respiratory and 8 non-respiratory in 1959.

During the year 7 deaths were registered as dying from tuberculosis, all from the respiratory form of the disease and none from the non-respiratory form. This is 3 more than last year.

Of the 49 new cases of respiratory tuberculosis notified 38 were admitted to a chest hospital for treatment. Of the 11 cases not admitted to a chest hospital, 10 were cases undergoing other

forms of treatment in mental hospitals and 1 was not considered to require active treatment or was treated at home.

### **M.M.R.**

In January and February 1960 a survey of pupils who were found to have a positive skin test for tuberculosis during the B.C.G. vaccination scheme for "school leavers", i.e., children aged 13/14 years of age, carried out at the end of 1959, was undertaken by the M.M.R. unit. As no B.C.G. vaccination had been given to the school leaver group of school children in 1958 because of the pressure of poliomyelitis vaccination that year the B.C.G. vaccination in 1959 involved the 13 and 14 year old age groups and so a larger number of children with positive skin tests had to be dealt with by the M.M.R. unit than normally. In all 447 pupils were x-rayed and as reported in my last Report all were free of active tuberculosis.

In addition to the pupils, 556 teachers and 24 other members of the County Council staff closely associated with school children doctors, dentists, nurses, etc., were also x-rayed by the M.M.R. unit. As with the children no case of active tuberculosis was discovered.

Opportunity was also given to the general public in the Letham, Newtyle and Muirhead of Liff areas to have a chest x-ray and in these areas 90, 62 and 14 of the public attended. No case of tuberculosis was detected. The small number attending at Muirhead is due to the fact that many residents in this area had recently taken the opportunity to be x-rayed during the Dundee City campaign.

### **M.M.R. SURVEY 1960.**

<b>Angus Schools</b>	<b>No. X-rayed.</b>	<b>Cases of Pulmonary T.B. detected</b>
Pupils	447	Nil.
Teachers	556	do.
Other C.C. employees	24	do.
<b>General Public</b>		
Letham	90	do.
Newtyle	62	do.
Muirhead of Liff	14	do.
Others	11	do.

### **CARE AND AFTER-CARE.**

At the end of the year there were 629 cases of tuberculosis resident in the county, of which 523 were suffering from respiratory tuberculosis and 106 from non-respiratory tuberculosis. This shows an increase of 20 compared with last year when there were 505 respiratory and 104 non-respiratory cases in the register.

The residence of these cases at December, 1960 is shown below :—



Residing in	Non-Pulmonary	Pulmonary	Pulmonary Rate
			per 1,000 of Population
Burgh of Brechin	9	66	9.0
Carnoustie	7	37	7.1
Forfar	15	58	5.7
Kirriemuir	8	27	7.8
Monifieth	1	25	7.5
Montrose	15	112	10.4
Landward Area	51	198	5.3

During the year the Health Visitors paid 2143 visits to those households to advise on matters regarding the care of those suffering from tuberculosis and the steps to be taken to avoid spreading the infection. The Health Visitor also arranges for the x-raying of the family contacts not only of new cases but the case defaulters and contact defaulters who fail to attend the clinics for their routine check. Cases after discharge from hospital are also visited and, when necessary, the District Nurses attend to these cases in their own homes.

Necessitous cases, on the Assistance Board level, are supplied with free milk and during the year 16 cases were assisted in this way, the same number as last year.

### B.C.G. VACCINATION.

In December, 1960 the children born in the year 1947 were offered B.C.G. vaccination. Carnoustie School was actually visited in January, 1961 but is included for completeness. There was almost 100% acceptance. Excluding Arbroath Burgh children, 1031 county children (1321 including the Arbroath children) were skin tested and of these 869 or 84.3% gave a negative reaction 1107 or 83.8% (including the Arbroath children) which compares with 76.8 per cent. in 1959, 73.7 per cent. in 1957 and 65.6 per cent. in 1956 in which latter year this scheme was commenced in Angus and all children aged 13 years and upwards at school were tested. As reported last year this increase in the percentage with negative skin reaction implies that less children have acquired a natural resistance to tuberculosis compared with a few years ago and is continuing. This is being experienced in other parts of the region. Some of the factors responsible for this were given in last year's Report.

The purpose of the scheme is by skin testing to discover those pupils who have come in contact with the infection and so developed some immunity to the disease and those who have not. Those who have developed some immunity are shown by a positive skin reaction but this does not indicate that they are suffering from tuberculosis. In fact, in February, 1961, all positive reactors were given the opportunity of a chest x-ray through the M.M.R. scheme and the preliminary reports indicate none had active tuberculosis.

The following table gives the results of the B.C.G. vaccination tests of the 1947 age-group. Under Arbroath High School the children are divided into burgh, i.e., those residing in the burgh of Arbroath and county, i.e., those residing either in the the landward area or in the burghs such as Carnoustie or Monifieth.

Schools—	No. Skin Tested.	No. Negative.	%	No. Vaccinated.
Arbroath High				
(Burgh)	290	238	82.1	234
(County)	90	78	86.6	75
Brechin High	126	111	88.1	110
Forfar Academy	208	175	84.1	169
Webster's Seminary	106	82	77.3	81
Montrose Academy	183	163	89.1	162
Carnoustie	64	43	67.2	43
Craigo	18	16	88.8	16
Edzell	20	17	85.0	17
Friockheim	26	23	88.5	21
Inverkeilor	28	25	89.3	25
Letham	26	24	92.3	24
Monifieth	45	36	80.0	35
Muirhead	25	20	80.0	19
Murroes	23	19	82.6	17
Newtyle	22	20	90.9	19
Tannadice	21	17	80.9	17
Total	1321	1107	83.8	1084

## B. CHIROPODY SERVICE.

During 1960 the services of one full-time chiropodist and the services of a part-time chiropodist on 5 sessions per week were available but in December of 1960 the part-time chiropodist was given a full time appointment. This was in part due to an increase in the number of cases and also to reduce the waiting time between treatments from 10/12 weeks to 6/8 weeks. As indicated in last year's report, besides treatment for the various foot conditions, Mr Beedle treated a large number of cases by making and fitting chiropoedial appliances for such conditions as bunions, partial amputation of the foot and other crippling defects. During 1960, 67 persons were so fitted with appliances of various types.

During the year, 1096 persons in the old-age pensioner age-group were given chiropody treatment on 3848 occasions, compared with 1170 persons and 4137 treatments in 1959. The reduction in numbers compared with 1959 is due to the fact that Mr Beedle was off duty for a period of three months on account of illness.

Burgh.	Clinic.	Patient's Own Home.	Welfare Homes.
Arbroath	323	65	40
Montrose	122	20	21
Kirriemuir	36	13	20
Monifieth	12	5	—
Carnoustie	30	3	—
Brechin	37	8	27
Forfar	66	39	43
Landward Area	70	61	35
Total	696	214	186
Discontinued during year	72	34	28
Received treatment as at 31.12.60	624	180	158

### C. PREVENTION OF ACCIDENTS IN THE HOME.

As detailed in previous reports the education of the public regarding home accidents mainly depends on the instructions given by the Health Visitors when paying their routine visits in connection with maternity and child welfare and welfare visits to the elderly. Use is made of the leaflets published by the Scottish Council for Health Education.

During the year, 19 deaths were recorded as due to accidents in the home—7 more than in 1959. Of these 19 deaths, 2 were in children under 1 year, 1 in the age group 35-45, 2 in the age-group 55-65, 2 in the age-group 65-75, 8 in the age-group 75-85, and 4 were aged over 85.

### D. SMOKING AND LUNG CANCER.

The various approaches to the adolescent as intimated in previous reports continued during the year. The danger of smoking was emphasised by the Lecturer of the Scottish Council for Health Education during her talks to pupils when she paid her annual visit to Angus Schools in the autumn of 1960.

During the year 32 deaths were recorded as due to lung cancer, 24 males and 8 females, at ages varying from 25 to 85. The youngest was a female in the age-group 25-35, and the others were 45 years or over.

## 7. INFECTIOUS DISEASES

During 1960 there were 220 confirmed cases of notifiable infectious diseases compared with 188 in 1959, 151 in 1958, and 234 in 1957.

Cerebro-spinal fever	...	...	...	...	...	—
Dysentery	...	...	...	...	...	121
Erysipelas	...	...	...	...	...	4
Food Poisoning	...	...	...	...	...	4
Para-Typhoid B	...	...	...	...	...	2
Pneumonia—Influenzal	...	...	...	...	...	—
Pneumonia—Acute Primary	...	...	...	...	...	21
Pneumonia—Other Forms	...	...	...	...	...	—
Poliomyelitis	...	...	...	...	...	—
Scarlet Fever	...	...	...	...	...	35
Whooping Cough	...	...	...	...	...	33

There were again no cases of poliomyelitis during the year and for the twelfth successive year no case of diphtheria. The large increase in dysentery from 19 cases in 1959 to 121 in 1960 was due to an outbreak of Sonne Dysentery at Strathmartine (Baldovan) Hospital, near Dundee, involving 113 cases. The number of cases of pneumonia, scarlet fever and whooping cough notified during 1960 was less than in 1959. In the case of pneumonia and scarlet fever the reduction was almost half of the 1959 notifications.

### VENEREAL DISEASES.

There was no significant change in the number of cases attending for treatment at centres in the Eastern Regional Hospital Board area. The number of cases of both syphilis and gonorrhoea are small. A comparison of cases attending centres in the last five years is given below.

				Syphilis Acquired.	Gonorrhoea Genital.	Other Venereal Conditions.	Total.
1956	...	...	...	3	9	21	33
1957	...	...	...	2	17	17	36
1958	...	...	...	—	14	20	34
1959	...	...	...	1	10	19	30
1960	...	...	...	—	9	19	28

## 8. DOMESTIC HELP

During 1960, 114 cases received domestic help compared with 87 last year as follows:—

	Chronic Sick, Aged and Infirm.			Otherwise.
Brechin Burgh	...	...	21	1
Carnoustie Burgh	...	...	11	—
Forfar Burgh	...	...	41	1
Kirriemuir Burgh	...	...	4	—
Monifieth Burgh	...	...	1	—
Montrose Burgh	...	...	14	—
Landward Area	...	...	18	2
			110	4

Of the 110 cases receiving home help on account of chronic sickness, or age and infirmity, 105 were of pensionable age and 5 were under that age. The chronic illnesses from which these 5 suffered were Arthritis—2 cases, and Diabetes, Disseminated Schlerosis and heart diseases—1 case each.

The 4 cases receiving home help in the second column were all on account of debility following confinement.

The domestic help service in Angus is used mainly by the aged and in these cases, without the home help service, the majority would require admission to a welfare home or hospital. Some of these cases have been in hospital either in the geriatric ward for rehabilitation or in the general, medical or surgical wards. The majority of these persons require only from 1-3 hours attention daily. In some cases, the hours are spaced out to provide them with the necessary meals. In other cases these are supplied by neighbours or by the W.V.S., or the old person is able to cope with cooking but unable to attend to household cleaning, especially in old houses upstairs with outside cellars, etc. The number of Home Helps, all part time employed, at the end of the year was 57.

## 9. MENTAL HEALTH

During 1960, 21 cases of lunacy were dealt with under the Council's arrangements for mental health. All cases were certified and admitted to a Mental Hospital. Under section 9(2) of the Lunacy (Scotland) Act, 1866, intimation was received from the Superintendents of Mental Hospitals regarding the proposed discharge of 10 cases. After investigation of the home circumstances as prescribed by the Act, 9 were discharged.



During the year 2 cases were certified as mentally deficient and both were admitted to Strathmartine Hospital (Baldovan Institution). Both cases were the responsibility of the Welfare Department being over 16 years of age. Two cases were re-certified on reaching the age of 16 and were retained in Strathmartine Hospital. In addition, 3 cases were admitted to Baldovan Institution on an informal basis, all 3 being of school age.

At present there are 15 children certified as mental defectives in Strathmartine Hospital and other Institutions who are the responsibility of the Education Department, i.e. they are educable or trainable; and 76 certified defectives in Baldovan and other Institutions including Welfare Homes who are over school age or are ineducable and untrainable. In previous reports those defectives in Welfare Homes were not included in this number.

All boarded out certified defectives and boarded out lunatics including those in the Welfare Homes are visited quarterly by the Medical Staff and on such other occasions as necessary. During the year, there were 34 such cases on the visiting list and the number of visits paid to these cases during the year was 128.

## **10. NURSERIES AND CHILD-MINDERS REGULATIONS**

Children boarded out under the care of the local authority are visited and examined yearly by the medical staff. During the year, 93 children were on the visiting list and 82 visits made to the homes of these children for the purpose of medical supervision.

## **11. PORT HEALTH ADMINISTRATION**

During the year 16 foreign vessels arrived at Montrose direct from foreign ports with cargoes of Potash etc. 4. Sugar 4. Timber 2. Fish boxes 1, and 5 were light. All had a clean bill of health.

## **12. FOOD SUPPLIES**

Details of the work done in relation to the administration of the various Acts, Orders and Bye-Laws in connection with milk, ice-cream and under the new regulations in respect of shops and food premises under the Food and Drugs Act will be found in the report by the Sanitary Inspector.

There were 4 cases of food poisoning notified and confirmed during the year. All were individual cases unrelated to each other. No particular food was definitely identified as the source. The origin in all 4 was considered to lie within the households concerned.

There were no changes during the year at any of the three slaughter-houses at Forfar, Brechin and Montrose in regard to the arrangements for meat inspection.

### 13. MEDICAL FUNCTIONS UNDER THE NATIONAL ASSISTANCE ACT

The County Council maintain five welfare homes in the county:—Lunan Park, Friockheim is reserved for the frail ambulant; while St Drostan's, Brechin, and Beech Hill, Forfar, are set aside for the aged, and Beechie House, Kirriemuir, partly for the aged and partly for the mentally handicapped and for the occasional accommodation of unmarried mothers, in all accommodation is provided for 104 old persons and others.

Lordburn House, Forfar, the fifth welfare home provides accommodation for 40 handicapped persons and at the end of the year 39 persons were in residence. Of these 17 were over 65 years of age of whom 1 is a certified mental defective, and 4 are uncertified, while of the 22 under 65 years of age, 5 are physically defective, and 17 mentally handicapped, of whom 8 are certified mental defectives.

Lunan Park, Friockheim, requires special mention. This home was opened in June 1959 and is the first of its kind to be specially designed and equipped to meet the needs of the frail ambulant, accommodating 35 persons of either sex. From experience in the last eighteen months since the home was opened it is clear that the type of case being admitted is very frail and many become geriatric ward hospital cases, and none, or very few of these could have been accommodated in the other welfare homes.

There are no private homes registered for the admission of old persons under section 37 of the Welfare Act.

Dorward House, Montrose, a voluntary institution for the aged of both sexes accommodates 40 persons most of whom are local authority cases, the cost of their maintenance being supplemented by the County Council.

The medical supervision of the residential accommodation provided under the Act is carried out by the Medical Officer of Health. During the year 87 cases were medically examined with regard to their fitness for admission to Welfare Homes.

There was one unmarried mother and her child dealt with during the year under the Council's scheme for the care of unmarried mothers. This case was admitted to the Aberdeen Mother and Baby's Home and cared for during a period of 18 weeks.



## FACTORIES ACTS, 1937-1959

These Acts are administered by the Town Councils of the burghs and the County Council in respect of the landward area. The sections of the Acts which concern local authorities are those dealing with cleanliness, overcrowding, temperature and ventilation, drainage of floor area and sanitary conveniences. In regard to these matters the inspections are carried out by the Burgh Surveyor/Sanitary Inspectors in the burghs, and in the landward area by the County Sanitary Staff.

Annually the Medical Officer of Health is required to make a return regarding the number of factories in his area, visits paid, and defects noted and how remedied. The following is the return for 1960 in respect of the 5 areas under my jurisdiction.

**Factories in each Area (No. of Visits paid in 1959 in brackets).**

**Brechin. Carnoustie. Kirriemuir. Montrose. Landward.**

(1) Factories in which Sections 1, 2, 3, 4 and 6 are enforced by Local Authority	25 (4)	21 (8)	25 (25)	91 (24)	8 (13)
(2) Factories not included in (1) in which section 7 is enforced by Local Authority	48 (11)	34 (11)	36 (36)	— —	128 (80)
(3) Other factories in which Section 7 is enforced by Local Authority	3 (3)	— —	— —	— —	2 (2)
Total	76 (18)	55 (19)	61 (61)	91 (24)	138 (95)

### DEFECTS.

Brechin Burgh. Nine defects referred by H.M. Inspector of Factories, of which 7 related to unsuitable or defective sanitary conveniences were detected in 1960. All were remedied during the year.

Carnoustie Burgh. No defects were noted in the factories inspected during 1960.

Kirriemuir Burgh. Two cases of lack of cleanliness and one case of a defective sanitary convenience were dealt with during the year and in all three cases the defects were remedied.

Montrose Burgh. Lack of cleanliness (S.1) was noted in 3 cases, one of which was referred by H.M. Inspector of Factories. All 3 were remedied without prosecution.

Landward Area. Two cases of defective or insufficient sanitary conveniences were referred by H.M. Inspector of Factories, and both were remedied during the year.

## BURGH OF BRECHIN

The mid-year population for 1960 was estimated to be 7,325, a decrease of 72 on last year. During the year 131 live-births were allocated to the burgh, of whom 12 were born in the burgh. There were 7 illegitimate births and 3 still-births during the year.

Marriages registered numbered 54. Deaths corrected for residence in the burgh numbered 109. The chief causes of death were Heart Diseases 46; Cancer 21; Cerebral Haemorrhage 15. Of the cases of Cancer 1 died of Lung Cancer and there was 1 death following accident in the home. Of all deaths 87 persons attained the age of 65 years or over at death. There were 2 infant deaths compared with 3 last year, giving an infant mortality rate of 15.3.

During the year there were 9 cases of notifiable infectious diseases; Pulmonary Tuberculosis 4 and Erysipelas 2, Paratyphoid B Fever 2, Food Poisoning 1.

## BURGH OF CARNOUSTIE

The mid-year population of the burgh in 1960 was estimated to be 5,187, a decrease of 4 in the year. The number of live-births allocated to the burgh was 68, of whom 5 were born in the burgh. There were 2 illegitimate births and no still-births.

Marriages registered numbered 19. Deaths corrected for residence numbered 78. The chief causes of death were Heart Disease 35; Cancer 14; Cerebral Haemorrhage 12. Of the cases of Cancer 2 died of Lung Cancer, and there were 2 deaths resulting from accidents in the home. Of all 78 deaths, 62 attained the age of 65 years and over. There was 1 infant death compared with 2 last year, giving an infant mortality rate of 14.7.

During the year there were 30 cases of infectious diseases; Food Poisoning 1; Scarlet Fever 1; Acute Primary Pneumonia 1; Pulmonary Tuberculosis 2; Non-Pulmonary Tuberculosis 3; and Whooping Cough 22.

## BURGH OF KIRRIEMUIR

The mid-year population of the burgh in 1960 was estimated to be 3,460, a decrease of 16 on the previous year. During the year 47 live-births were allocated to the burgh of whom 2 were born within the burgh. There were 2 illegitimate births and no stillbirths.

Marriages registered during the year numbered 24. Deaths corrected for residence numbered 73. The principal causes of death were Heart Disease 24; Cancer 14; Cerebral Haemorrhage 16. Of the cases of Cancer 2 died of Lung Cancer. There were no deaths resulting from accidents in the home. Of the 73 deaths, 54 persons attained the age of 65 years or over. There were 2 infant deaths in 1960 compared with none in 1959.

Four cases of infectious diseases were confirmed during 1960: Acute Primary Pneumonia 2; Pulmonary Tuberculosis 1; Scarlet Fever 1.

## BURGH OF MONTROSE

The mid-year population for 1960 was estimated at 10,715, a decrease of 21 on the previous year. Live-births allocated to the burgh numbered 182, of whom 6 were born in the burgh. There were 3 illegitimate births and 3 still-births in 1960.

Marriages registered numbered 128. Deaths corrected for residence numbered 163. The principal causes of death were Heart Disease 79; Cancer 25; Cerebral Haemorrhage 26. Of the cases of Cancer 4 died of Lung Cancer, and there were 3 deaths, from accidents in the home. Of the 163 deaths, 115 were 65 years or over at death. There were 2 infant deaths giving an infant mortality rate of 10.9 in 1960.

## BURGH OF FORFAR

The mid-year population for 1960 was estimated to be 10,097, a decrease of 52 on the previous year. The number of live-births allocated to the burgh was 148, of whom 5 were born at home. There were 5 illegitimate births and 8 still-births during 1960.

Marriages numbered 123. Deaths corrected for residence numbered 160. The principal causes of death were Heart Disease 44; Cancer 32; Cerebral Haemorrhage 36. Of the cases of Cancer 5 died of Lung Cancer, and there were 5 deaths from accidents in the home. Of the 160 deaths, 108 persons attained the age of 65 years or over at death. There were 3 deaths in children under 1 year, giving an infant mortality rate of 20.2.

During the year there were 24 cases of infectious diseases: Scarlet Fever 7; Pulmonary Tuberculosis 7; Non-Pulmonary Tuberculosis 2; Erysipelas 1; and Whooping Cough 5.

**BURGH OF MONIFIETH**

The mid-year population for the year 1960 was estimated to be 3,335, a decrease of 13 on the previous year. The number of live-births allocated to the burgh was 47, of whom 9 were born in the burgh. There were no illegitimate births and no still-births.

Marriages numbered 19. Deaths corrected for residence numbered 52. The principal causes of death were Heart Disease 22; Cerebral Haemorrhage 7; Cancer 8, of which 3 were deaths from Lung Cancer. There was 1 death from an accident in the home. Forty persons attained the age of 65 years and over at death. There was 1 death in children under 1 year, giving an infant mortality rate of 21.3.

There were 16 cases of infectious diseases confirmed in 1960; Acute Primary Pneumonia 4; Pulmonary Tuberculosis 3; Scarlet Fever 7, and 1 each of Food Poisoning and Whooping Cough.

# SCHOOL MEDICAL SERVICE.

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REPORT FOR YEAR ENDING 31st JULY. 1960.

## 1. STAFF.

There were no changes in the staffing of the department during the year.

## 2. GENERAL STATISTICS.

The population of the area of the Education Authority (including the large Burgh of Arbroath 20,200) at 31st December, 1959, was 97,700.

### Number of Schools.

(a) Primary	...	...	...	...	...	96
(b) Secondary—Junior	...	...	...	...	...	11
—Senior	...	...	...	...	...	5
(c) Special Schools	...	...	...	...	...	1
(d) Special Classes in ordinary schools	...	...	...	...	...	2
(e) Classes for Retarded Pupils in ordinary schools	...	...	...	...	...	2
No. of Children on Registers	...	...	...	...	...	15,395
No. of Children in average attendance	...	...	...	...	...	14,451

## 3. SANITARY CONDITIONS.

On the occasion of the annual visit to each school for the purpose of systematic inspection of children, the buildings are also inspected and any major defects are reported to the Director of Education.

## 4. ORGANISATION AND ADMINISTRATION.

There has been no change in the organisation or administration of the service which has been detailed in previous reports.

### A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT.

All Schools in the County were visited for routine inspection of the children falling into the age-groups as detailed by the Department of Health, viz.:—(1) the entrants; and those born in the year (2)—1950; (3)—1946; and (4)—1943. The statistical tables I to IV at the end of this report detail the results of the inspection. Children born in the year 1952 were also examined in respect of sight and hearing.

In addition to these examinations, pupils who were due to be systematically examined last year but who were absent at the time of the school inspection were also examined. Children of all ages who have been found at a previous examination to be suffering from defects were also examined in respect of these defects.



Special visits were paid to schools for such purposes as the examination of infectious diseases, diphtheria immunisation, B.C.G. and Poliomyelitis vaccination, examination of physical and mental defects in relation to the child's suitability for education in an ordinary school or the desirability of admission to a special school for the blind, deaf and dumb, epileptic, cripple, or mental hospitals, etc. Children on whose behalf claims for transport are made by the parents or guardians to the Director of Education are also examined. Examination of children for other specific purposes is also undertaken e.g. prolonged absence from school without apparent cause and, at the request of the Clerk to the District Committee. In most of these special examinations a visit or visits to the homes are necessary and many of the preliminary examinations are carried out in the pupil's home.

Treatment clinics conducted by the Medical Staff for Minor Ailments and defects are held weekly in the Burghs of Forfar, Arbroath, Montrose and Brechin. Specialist clinics are held periodically in these Burghs for diseases of the eyes and defect of vision, orthopædics and mental deficiency. Defects of the ear, nose and throat are referred to the Specialist at the Out-Patients' Departments at Forfar, Arbroath and Montrose Infirmary and Stracathro Hospital. The Specialists are provided by the Eastern Regional Hospital Board and the clinic sessions are organised by the County Council's Medical Staff. The cases referred to these Specialist Clinics have been detected either at the routine medical inspection or through the special examinations referred to in the last paragraph. The Family Doctors also refer a number of cases through the School Medical Officer.

### **B.C.G. VACCINATION.**

During this school year B.C.G. Vaccination was offered to all children born 1946 and also children born 1945 who were not vaccinated the previous year because of poliomyelitis vaccination being regarded as priority. This scheme for the prevention of tuberculosis under Section 27 of the National Health Service Acts was a combined scheme of the County of Angus and the large Burgh of Arbroath and was carried out through the School Medical Service by the County Medical Staff.

Throughout the area 2256 consents were received and 165 refusals. The total number of children skin tested was 2036 of which 1503 were found to have a negative skin test and were vaccinated. 156 children were referred to the Area Chest Physician.

### **POLIOMYELITIS VACCINATION.**

Vaccination against Poliomyelitis was carried out during the year. The total number of children vaccinated with three injections is 11,430, of which 1760 received their third injection this year. 533 children have received their second injection and 311 their first injection.

## EYE CLINICS.

Arbroath—7 Hill Street—Wednesday at 1 p.m. or Thursday at 9.30 a.m.

Brechin—Damacre School Clinic—One Thursday of Each month at 9.30 a.m.

Dundee—Dundee Royal Infirmary—Wednesday at 2 p.m.

Forfar—Ravenswood Clinic—First and Fourth Thursday of each month at 1.30 p.m.

Montrose—Esk House Clinic—Wednesday at 1 p.m. (if not at Arbroath).

Further and alternative clinics are arranged when the numbers require these.

## EAR, NOSE AND THROAT CLINICS.

Cases are referred to the Ear, Nose and Throat Consultants at Forfar, Dundee, Montrose and Arbroath Infirmaries and at Strathcathro Hospital, who call in the cases by appointment.

## ORTHOPÆDIC CLINICS.

These Specialist Clinics are held at the Clinic, 7 Hill Street, Arbroath, and at Ravenswood, Forfar. All cases are seen by appointment. The Forfar clinic is held on the first Tuesday of each month from 9 a.m. to 12.30 p.m., while the Arbroath Clinics are held at the same time of the second, third and fourth Tuesday of each month.

In addition to the Specialist Clinics, physiotherapy treatment sessions are held weekly in Arbroath every Tuesday and Friday, and on Saturday mornings, and weekly in Forfar on Wednesdays. All sessions are carried out at the Clinics. Further sessions have been held at Arbroath by arrangement.

## MENTAL DEFICIENCY.

Clinics for the examination of mental defectives are held weekly on Mondays at the following Centres as required:—

Arbroath—Dewar House.

Forfar—Ravenswood Clinic.

Montrose—Esk House Clinic.

Brechin—Damacre School Clinic.

Monifieth—Seaview Clinic.

## B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT.

The Senior Dental Officer, Mr Cadenhead, reports on the dental service as follows:—



## DENTAL REPORT

1959-1960.

I herewith submit the Annual Dental Statistics for Session 1959/60. The figures given are very similar to those of last Session 1958/59 and call for little additional comment. We are still understaffed.

The new mobile dental clinic should be delivered in September. This clinic has been acquired chiefly to serve the Rural Junior Secondary Schools where accommodation for dental treatment has been difficult and sometimes unsatisfactory. The mobile clinic is equipped with the latest type of equipment and includes a Borden-Air-Rotor Engine.

(Signed) A. L. CADENHEAD,  
Senior Dental Officer.

### DENTAL STATISTICS 1959-60

Number of Burgh Schools	...	...	...	20
Number of Burgh Schools inspected	...	...	...	16
Number of Rural Schools	...	...	...	76
Number of Rural Schools inspected	...	...	...	76

### SYSTEMATIC INSPECTION AND TREATMENT

(1) Number and Ages of children inspected by Dental Officers:—

Age	Systematic Inspection.	Emergency Cases.	Total.
Pre-School	—	18	18
5	983	29	1,012
6	1,056	27	1,083
7	1,021	32	1,053
8	1,007	44	1,051
9	1,151	37	1,188
10	1,182	72	1,254
11	1,154	64	1,218
12	715	74	789
13	572	73	645
14	493	43	536
15	94	9	103
16	10	1	11
17	12	6	18
	<hr/> 9450 <hr/>	<hr/> 529 <hr/>	<hr/> 9,979 <hr/>

(2) No. of Children found to require Treatment	5,513	
Emergency	511	
Orthodontic	345	
	<hr/>	6,369
(3) No. of Children actually treated	3,170	
Emergency	511	
Orthodontic	345	
	<hr/>	4,026
(4) No. of Attendances for Treatment	3,166	
Emergency	529	
	<hr/>	3,695
No. of Additional Attendances	3,561	
Emergency	580	
	<hr/>	4,141
		<hr/>
		7,836
(5) No. of Fillings in Permanent Teeth	5,082	
Emergency	698	
	<hr/>	5,780
No. of Fillings in Temporary Teeth	796	
Emergency	62	
	<hr/>	858
(6) No. of Permanent Extractions	555	
Emergency	127	
	<hr/>	682
No. of Temporary Extractions	2,275	
Emergency	235	
	<hr/>	2,510
(7) No. of Administrations of Vinesthene	—	
No. of Administrations of General Anaesthetic	17	
	<hr/>	17
(8) No. of Other Operations	3,273	
Emergency	626	
	<hr/>	3,899
Number of Root Treatments	37	
Emergency	—	
	<hr/>	37
Number of Dentures supplied	52	
	(5 repairs)	
	<hr/>	52
		<hr/>

Number of Crowns fitted	5	5
Number of Half days devoted to Inspection	...	152½
Number of Half days devoted to Treatment	...	967½
(10) Illness Sessions	...	46
Emergency Sessions	...	206
Orthodontic Sessions	...	281
Administrations Sessions	...	23½

#### (11) ORTHODONTIC CASES.

Number of Children given Orthodontic Treatment	...	345
(a) By School Dental Officers	...	22
(b) Diagnosed and periodically seen by the Regional Hospital Board Orthodontist	...	323

#### Cases treated by the School Dental Officers.

(1) Number of Cases continuing from previous year	...	156
(2) Number of New Cases	...	189
(3) Number of Cases completed	...	164
(4) Number of Cases continuing at the end of the year	...	161
(5) Number of Attendances for Treatment	...	2,778
(6) Number of Cases Discontinued	...	20

#### Details of Treatment.

(1) Number of Impressions Taken	...	761
(2) Number of Appliances inserted	...	194
	(and 14 repairs)	
(3) Number of Extractions for Orthodontic purposes		
(a) Permanent Teeth	...	110
(b) Temporary Teeth	...	101
(4) Number of X-Rays for Orthodontic purposes	...	61
(12) Number of Emergency Sessions during School Vacations	...	88½
Number of Orthodontic Sessions during School Vacations	...	18

#### C. SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOW-UP.

There were no changes in the school nursing arrangements and the system of follow-up of children suffering from defects, as detailed in previous reports, remains unchanged.

During the year 58,344 children were examined by the nurses compared with 55,418 children last year 1958-59 and 78,070 in the year 1957-58. Visits paid to individual schools by the nurses numbered 1021 compared with 954 last year 1958-59 and 1658 in 1957-58. At those visits particular attention is paid by the nurses in the examination of pupils in respect of cleanliness and verminous conditions and 5 cases of verminous bodies were detected compared with 9 cases last year 1958-59 and 4 cases in the year 1957-58. while 348 dirty heads (nits) and 50 verminous heads were dealt

with compared with 361 dirty heads (nits) and 34 verminous heads in the year 1958-59. For all conditions 269 home visits were paid as compared with 297 last year and 658 in the year 1957-58. A summary of the work done by the nursing staff will be found in Table V.

For all verminous conditions 211 notices were sent to the parents and 25 in respect of general uncleanliness or bad clothing or footwear. To be effective these school visits and the sending of notices to offenders must be followed up by a visit to the homes of the children by nurse and advice given to the parents regarding the eradication of vermin. Repeated notices sent to parents without home visitation has been found, by experience, to be ineffective in curing these conditions. In the worst cases visitation by the medical staff is necessary and, occasionally, the treatment of the case at the clinic. Apart from the sending of 236 notices to parents, 269 home visits were undertaken by the nurses in respect of those verminous conditions.

#### **D. CO-OPERATION WITH THE PUBLIC HEALTH SERVICE.**

#### **E. CO-OPERATION WITH VOLUNTARY BODIES.**

#### **F. CO-OPERATION WITH TEACHERS AND PARENTS.**

There has been no change under these headings.

### **5. THE FINDINGS OF THE MEDICAL INSPECTION.**

In all a total of 11,412 children were examined during the school year compared with 11,090 children examined last year. These examinations were undertaken as follows:—

Systematic examination of age-groups	...	..	4,448
Examination of absentees in previous age-groups	...	..	412
Visual acuity and Hearing of seven-year-old group	...	..	1,328
Re-examination of children found to have defects at			
previous examinations	...	(a) at School	3,993
		(b) at Clinics	824
Special cases examined at request of parents etc.			
		(a) at School	62
		(b) at Clinics	345
			<hr/>
			11,412
			<hr/>

The number of individual children inspected at the systematic examinations who were notified to parents as requiring treatment (excluding uncleanliness and dental caries) was as follows:—

Entrants	...	...	...	...	174
Second Age-Group (born 1950)	...	...	...	...	111
Third Age-Group (born 1946)	...	...	...	...	97
Fourth Age-Group (born 1943)	...	...	...	...	7
					<hr/>
					389
					<hr/>

The results of the systematic inspection will be found in Table II and refer only to the 4448 children in the years under review. The following summarises the findings:—

Defect.	No. of Cases found to be Defective.		
	Present Year.		Last Year
	1959/60.		1958/59.
Clothing unsatisfactory	...	1	12
Footwear unsatisfactory	...	—	3
<b>Cleanliness of the Head—</b>			
(a) Nits present	...	75	36
(b) Vermin present	...	—	2
<b>Cleanliness of the Body—</b>			
(a) Unclean	...	—	6
(b) Verminous	...	—	—
<b>Skin—Head—</b>			
(a) Ringworm	...	1	—
(b) Impetigo	...	2	2
(c) Other Diseases	...	3	2
<b>Skin—Body—</b>			
(a) Ringworm	...	1	1
(b) Impetigo	...	1	2
(c) Scabies	...	3	9
(d) Other Diseases	...	86	66
<b>Nutrition—</b>			
(a) Slightly defective	...	22	19
(b) Bad	...	—	—
<b>Mouth and Teeth Unhealthy—</b>			
		9	7
<b>Naso-pharynx—</b>			
(a) Defect of the Nose		28	105
(b) Defect of the Throat		208	334
(c) Adenitis	...	31	67
<b>Eyes—</b>			
(a) External Diseases	...	93	114
(b) Defects of Vision	...	263	314
(c) Recommended for Refraction		184	159



**Ears—**

(a) Diseases of the Ear	...	28	32
(b) Defective Hearing			
Grade I	... ..	30	66
Grade II	... ..	6	4
Grade III	...	—	—

**Speech—**

(a) Defective Articulation	...	37	114
(b) Stammering	...	16	29

**Mental and Nervous Conditions—**

(a) Backward	... ..	10	18
(b) Dull	... ..	92	166
(c) Mentally Defective	...	15	5
(d) Highly Nervous	... ..	—	1
(e) Difficulty in behaviour	...	2	—

**Circulatory System—**

(a) Organic Disease	... ..	15	14
(b) Functional Conditions	...	28	34

**Lungs—**

(a) Chronic Bronchitis	...	26	4
(b) Asthma and Other Diseases		70	66
(c) Suspected Tuberculosis	...	—	3

**Deformities—**

(a) Congenital	... ..	15	18
(b) Acquired	... ..	169	285

**Infectious Diseases—**

...	5	1
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**Other Diseases or Defects—**

...	107	101
-----	-----	-----

The percentage of children free from defects was 74.26 compared with 67.38 last year, 65.75 in 1957-58 and 70.46 in 1956-57.

The results of the systematic inspection are, in the main, similar to previous years. In general the improvement in general cleanliness of the children recorded last year has been maintained.

**6. MEDICAL TREATMENT.****A. Treatment of Minor Ailments.**

The following table gives details of the 594 children treated for minor ailments at the clinics in Arbroath, Forfar, Brechin and Montrose and at rural schools involving 1844 attendances.

Minor Ailments.	Burghs.		Rural.	
	No. of Cases	No. of Treatments.	No. of Cases.	No of Treatments.
1. Cuts, Bruises, Sprains and Minor Injuries	99	283	185	811
2. Diseases of the Ear	4	6	2	7
3. Diseases of the Eye (Conjunctivitis, Ulcer, etc.)	66	90	9	31
4. Diseases of the Skin—				
Ringworm of the Scalp	—	—	2	5
Ringworm of the Face	—	—	2	7
Ringworm of the Body	—	—	1	3
Scabies	9	35	4	12
Impetigo	40	92	22	76
Other Diseases	127	318	22	68
Totals	345	824	249	1020

## B. Defective Vision.

Children with defective vision are referred to a consultant oculist provided by the Regional Hospital Board at the clinics in Forfar, Brechin, Montrose and Arbroath or at the Royal Infirmary, Dundee, for those children residing near Dundee. The sessions are held in the clinics provided by the local authority and details of these have been given under Section A of this report.

The following table gives details of the children referred during the year :—

No. of examinations made	...	...	...	2,228
No. of children examined by Eye Specialists	...	...	...	1,598
No. of children for whom glasses were prescribed or who were wearing suitable glasses	...	...	...	1,233
No. of children for whom no glasses were prescribed	...	...	...	365
No. of children referred for hospital or clinic treatment	...	...	25	These figs. are incl. in either 1,233 or 365.
No. of children for operation	...	...	4	

## C. Treatment of Diseases of Ear, Nose and Throat.

Children suffering from diseases of the ear, nose and throat were seen by the Consultants at special sessions held in Forfar, Arbroath, Montrose and Dundee Infirmarys and Stracathro Hospital.

No. of notices sent to parents	...	...	...	52
No. of children referred to Consultants	...	...	...	36
No. of children for hospital treatment	...	...	...	27

The children referred for hospital treatment are called in for such treatment through the hospital service and are dealt with at the hospital nearest to their home.

### D. Treatment of Orthopædic Defects.

Children suffering from orthopædic conditions are referred to the Regional Orthopædic Consultant who holds clinics periodically at the Arbroath Clinic and Ravenswood Clinic, Forfar. Other cases resident in the Brechin and Montrose areas are referred to Stracathro Hospital Out-Patient Department. Physiotherapy sessions are held at Arbroath School Clinic and Ravenswood, Forfar, by Physiotherapists from the Staff of the Regional Hospital Board based on the Kemback Street Clinic, Dundee. A number of children resident in the landward area of Dundee are referred to Kemback Street, Dundee, both for consultation and treatment:—

1. Cases referred to Consultant	...	...	...	740
2. Cases attending for Physiotherapy	...	...	...	270
3. Cases recommended for hospital treatment	...	...	...	21
4. Cases admitted to hospital	...	...	...	11

### 7. SPECIAL SCHOOLS AND CLASSES.

The Occupation Centre in Forfar had 6 pupils at the end of the session.

There are two Special Classes dealing with intrinsically dull and high grade feeble minded pupils at Forfar West School and at Parkhouse School, Arbroath. There were 10 pupils and 14 pupils respectively attending at the end of the session.

There are two classes in ordinary schools for very backward or high grade mental defectives at North Links, Montrose, and Forfar North School.

For children who suffer from defects, mental or physical, to such an extent that education in a Special School is necessary, the local Authority has to depend on Institutions or Schools owned by other agencies for such conditions as the blind or partially sighted, the deaf and dumb, or the physically or mentally handicapped. Those children who are mentally handicapped especially if they also suffer from a physical handicap, e.g. deafness, blindness or a crippling disability such as spasticity are a problem, as the Special Schools for the deaf, blind and cripples will not accept a pupil unless they are of normal intelligence.

There are 53 children from the area of the Education Authority attending Special Schools in various parts of the country as follows :—

#### (a) Physically Defective Children.

1 boy, afflicted with asthma, is in the Castlecraig Residential School, Roxburgh.

1 girl suffering from a crippling disability is in Coltness Home, Wishaw.

1 girl, Spastic/M.D. is in Westerlea School, Edinburgh.

1 girl, Spastic, is in Trefoil School, Edinburgh.

1 boy, ex-poliomyelitis, is in Challenger Lodge, Edinburgh.

1 girl, admitted as cripple with neurosis, is in a Special Hospital School at Old Meldrum, Aberdeenshire.

1 boy and 1 girl are at home but are receiving no home tuition—both suffer from physical defects.

**(b) Blind and Partially Sighted.**

2 Blind Children (2 boys) are at present receiving Education in Dundee Institution for the Blind. 1 boy left in April, 1960 on attaining 16 years of age.

1 girl is at home and receives no home tuition. Added to her blindness she is a Spastic and an M.D.

1 girl who is blind and also deaf and dumb attends Condover Hall, Shrewsbury.

**(c) Deaf and Dumb.**

9 children are receiving Education in Special Schools—Dundee Institution for the Deaf and Dumb (3 girls and 2 boys); Donaldson's Hospital for the Deaf, Edinburgh (1 boy and 1 girl); St Vincent's School for the Deaf, Glasgow (1 boy); Polmuir Road School, Aberdeen (1 girl).

3 pupils have been supplied with Hearing Aids (1 boy and 2 girls). 1 boy is Grade IIA Deaf.

**(d) Epileptics.**

There were no children from Angus residing in a Special School for Epileptics during the year.

**(e) Mental Defectives.**

During the year 16 children were in Strathmartine Hospital (9 boys and 7 girls): 1 boy in St Joseph's, Rosewell, Midlothian; 1 girl in Larbert Institution; 1 boy in a Private Edinburgh Home; 1 boy and 1 girl in Naemoor School, Perth; 1 boy and 1 girl in Fairmuir Special School, Dundee; 1 girl in Harmeny School Balmoro; 1 girl in Aberlour Orphanage; 1 boy in Rudolf Steiner School, Aberdeen—2 girls were discharged from this School early in the year: 2 girls and 1 boy at Blairgowrie Occupation Centre; and 4 boys and 2 girls at Forfar Occupation Centre.

There are 27 mental defectives at no school or institution—2 of these are given part-time instruction at Strathmartine Hospital.

**(f) Home Tuition.**

4 children (3 boys and 1 girl) who were unable to attend school during the year or part of the year were given home tuition.

**(g) Speech Therapy.**

The following table details the position of speech therapy during the year:—

	Articulatory Defects.	Stammers.	Cleft Palates.	Total.
No. of cases under treatment as at 1st August, 1959 ...	48	44	3	95
No. of new cases during year 51				
Re-admissions 4	37	18	—	55
	85	62	3	150
No. of cases discharged, left school or left County	40	19	2	70
	36	43	1	80
Total Number of Cases referred	...	...	...	69

### HEIGHTS AND WEIGHTS

			Numbers Examined.	Average Age Years-Months		Height Inches	Weight Lbs.
Entrants	...	...	Boys 687	5	4.3	41.72	41.1
			Girls 749	5	4.7	44.06	42.5
Second Age-Group.							
Born 1950	...	...	Boys 696	9	5.4	53.54	68.13
			Girls 635	9	7.4	51.66	66.39
Third Age-Group.							
Born 1946	...	...	Boys 803	13	7.8	61.57	101.32
			Girls 667	13	7.2	62.78	107.9
Fourth Age-Group.							
Born 1943	...	...	Boys 119	16	11.9	67.85	135.55
			Girls 92	16	7.4	63.76	124.47



# THE FINDINGS OF MEDICAL INSPECTION

## STATISTICAL TABLES

TABLE I.

## A. Total number of children examined at:—

	Systematic Examinations.	Other Systematic Examinations.
1. Entrants ... ..	1,436	New Admissions and absentees outwith the age-groups.
2. Second Age-Group (Born 1950)	1,331	
3. Third Age-Group (Born 1946)	1,470	
4. Fourth Age-Group (Born 1943)	211	
Total ... ..	4448	412

## B. Other Examinations—

1. Children born in 1952 (examined for Visual Acuity and Hearing) ... ..	1,328
2. Re-Inspections by Medical Officers—	
(a) Seen at Schools ... ..	3,993
(b) Seen at Clinics ... ..	824
3. Special Cases seen by Medical Officers—	
(a) Seen at Schools ... ..	62
(b) Seen at Clinics ... ..	345
Total ... ..	6,552

## C. Number of Individual Children inspected at Systematic Examinations who were notified to parents as requiring treatment (excluding uncleanness and dental caries):—

1. Entrants ... ..	174
2. Second Age-Group (Born 1950) ... ..	111
3. Third Age-Group (Born 1946) ... ..	97
4. Fourth Age-Group (Born 1943) ... ..	7
Total ... ..	389

This includes children in these age-groups notified to attend the Eye Specialists' Clinics for the first time



TABLE II. (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	4448	687	749	696	635	803	667	119	92	2305	2143
4. <del>SKIN</del> — (a) Head.	No. Examined	1	—	—	—	—	—	—	—	1	—
	Ringworm	0.15	—	—	—	—	—	—	—	0.04	—
	Percentage	—	—	—	—	—	—	—	—	—	—
	Impetigo	—	—	1	—	1	—	—	—	2	—
	Percentage	—	—	0.14	—	0.12	—	—	—	0.09	—
	Other Diseases	2	—	—	—	1	—	—	—	3	—
(b) Body	Percentage	0.29	—	—	—	0.12	—	—	—	0.13	—
	Ringworm	—	1	—	—	—	—	—	—	—	1
	Percentage	—	0.13	—	—	—	—	—	—	—	0.05
	Impetigo	—	—	—	1	—	—	—	—	—	1
	Percentage	—	—	—	0.16	—	—	—	—	—	0.05
	Scabies	—	2	—	—	—	1	—	—	—	3
	Percentage	—	0.27	—	—	—	0.15	—	—	—	0.14
	Other Diseases	8	5	19	14	28	8	4	—	59	27
	Percentage	1.16	0.67	2.73	2.20	3.49	1.20	3.36	—	2.56	1.26

TABLE II. (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
5. Nutritional State.	4448										
	No. Examined	687	749	696	635	803	667	119	92	2305	2143
	Slightly defective	2	1	4	5	5	5	—	—	11	11
	Percentage	0.29	0.13	0.57	0.79	0.62	0.75	—	—	0.48	0.51
	Bad	—	—	—	—	—	—	—	—	—	—
6. MOUTH AND TEETH— UNHEALTHY.	Percentage	—	—	—	—	—	—	—	—	—	—
	No. found unhealthy	1	3	2	—	2	—	—	1	5	4
	Percentage	0.15	0.40	0.29	—	0.25	—	—	1.09	0.22	0.19
7. NASO-PHARYNX— (a) NOSE— 1. Obstruction	Requiring observation	8	4	2	—	4	1	—	—	14	5
	Percentage	1.16	0.53	0.29	—	0.50	0.15	—	—	0.61	0.23
	Requiring operation	3	—	—	—	—	—	—	—	3	—
	Percentage	0.44	—	—	—	—	—	—	—	0.13	—
	Catarrh, etc.	3	—	—	2	1	—	—	—	4	2
3. Other Conditions	Percentage	0.44	—	—	0.31	0.12	—	—	—	0.17	0.09





TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
<b>8. EYES—</b>	4448										
(a) External Diseases	No. Examined	687	749	696	635	803	667	119	92	2305	2143
	Blepharitis	2	5	2	3	2	10	—	—	6	18
	Percentage	0.29	0.67	0.29	0.47	0.25	1.50	—	—	0.26	0.84
	Conjunctivitis	—	1	2	1	1	—	—	—	3	2
	Percentage		0.13	0.29	0.16	0.12	—	—	—	0.13	0.09
	Corneal Opacity	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
	Strabismus	10	13	3	3	3	1	—	—	16	17
	Percentage	1.46	1.74	0.43	0.47	0.37	0.15	—	—	0.69	0.79
	Other Diseases	2	4	9	2	2	12	—	—	13	18
	Percentage	0.29	0.53	1.29	0.31	0.25	1.80	—	—	0.56	0.84

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
8. Eyes—(Contd.)	4448										
No. Examined		687	749	696	635	803	667	119	92	2305	2143
Fair Vision— (6/9 or 6/12 better eye)		33	37	28	40	39	36	7	3	107	116
Percentage Bad Vision— (6/18 or worse better eye)		4.80	4.94	4.02	6.30	4.86	5.40	5.88	3.26	4.64	5.41
Percentage		3	2	3	10	7	12	2	1	15	25
Recommended for Refraction		0.44	0.27	0.43	1.57	0.87	1.80	1.68	1.09	0.65	1.17
Percentage		42	40	26	23	24	24	1	4	93	91
		6.11	5.34	3.73	3.62	2.99	3.6	0.84	4.34	4.03	4.24



TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group, (Born 1950)		Third Age-Group, (Born 1946)		Fourth Age-Group, (Born 1943)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
10. SPEECH—	4448										
	No. Examined	687	749	696	635	803	667	119	92	2305	2143
	Defective Articulation	13	12	8	—	3	1	—	—	24	13
	Percentage	1.89	1.60	1.15	—	0.37	0.15	—	—	1.04	0.61
	Stammer	—	—	4	—	11	1	—	—	15	1
11. MENTAL AND NERVOUS CONDITIONS—	Percentage	—	—	0.57	—	1.37	0.15	—	—	0.65	0.05
	Due to Absence, etc.	—	1	4	4	—	1	—	—	4	6
	Percentage	—	0.13	0.57	0.63	—	0.15	—	—	0.17	0.28
	Intrinsically Dull	4	8	14	10	22	34	—	—	40	52
	Percentage	0.58	1.07	2.01	1.57	2.74	5.10	—	—	1.73	2.43





TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group, (Born 1950)		Third Age-Group, (Born 1946)		Fourth Age-Group, (Born 1943)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
4448											
12. CIRCULATORY SYSTEM—	No. Examined	687	749	696	635	803	667	119	92	2305	2143
(a) Organic Heart Disease											
	Congenital	4	4	2	—	1	—	—	—	7	4
	Percentage	0.58	0.53	0.29	—	0.12	—	—	—	0.30	0.19
	Acquired	—	—	1	1	—	1	—	1	1	3
	Percentage	—	—	0.14	0.16	—	0.15	—	1.09	0.04	0.14
(b) Functional Heart Conditions											
	Percentage	5	12	—	3	5	3	—	—	10	18
		0.73	1.60	—	0.47	0.62	0.45	—	—	0.43	0.84
13. LUNGS—											
	Chronic Bronchitis	11	4	4	1	1	5	—	—	16	10
	Percentage	1.60	0.53	0.57	0.16	0.12	0.75	—	—	0.69	0.47
	Suspected Tuberculosis	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
	Other Diseases	21	5	11	10	12	9	2	—	46	24
	Percentage	3.06	0.67	1.58	1.57	1.49	1.35	1.68	—	1.99	1.12

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups.		
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
4448												
No. Examined												
		687	749	696	635	803	667	119	92	2305	2143	
		3	3	1	2	1	4	1	—	6	9	
		0.44	0.40	0.14	0.31	0.12	0.60	0.84	—	0.26	0.42	
Percentage												
Due to Poliomyelitis												
		2	—	—	2	—	3	—	—	2	5	
		0.29	—	—	0.31	—	0.45	—	—	0.09	0.23	
Percentage												
Due to Rickets												
		—	—	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	—	
Percentage												
Due to Other Causes												
		33	21	27	29	18	33	1	—	79	83	
		4.80	2.80	3.88	4.57	2.24	4.95	0.84	—	3.43	3.87	
Percentage												

## 14. DEFORMITIES—

## (a) Congenital Defects

## (b) Acquired

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1950)		Third Age-Group. (Born 1946)		Fourth Age-Group. (Born 1943)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
15. INFECTIOUS DISEASES—	4448										
	No. Examined	687	749	696	635	803	667	119	92	2305	2143
	Percentage	1	2	1	—	1	—	—	—	3	2
16. OTHER DISEASES OR DEFECTS		0.15	0.27	0.14	—	0.12	—	—	—	0.13	0.09
		14	16	23	18	13	21	1	1	51	56
	Percentage	2.04	2.14	3.30	2.83	1.62	3.15	0.84	1.09	2.21	2.61

**TABLE III.**  
**Systematic Medical Examinations (excluding Mental Defect)**

CLASSIFICATION	Entrants.	Second Age-Group (Born 1950)		Third Age-Group (Born 1946)		Fourth Age-Group (Born 1943)		Total
		Number of Children	%	Number of Children	%	Number of Children	%	
I. CHILDREN FREE FROM DEFECTS		961	66.92	1032	77.53	1133	77.08	3303 74.26
II. (a) Defective Vision (6/9 or 6/12 better eye, with or without glasses).		60	4.18	57	4.28	57	3.88	184 4.14
(b) Condition of mouth and teeth requiring attention.		4	0.28	3	0.23	4	0.27	12 0.27
(c) Children suffering from both (a) and (b).		—	—	—	—	—	—	— —
Total of (a), (b) and (c).		64	4.46	60	4.51	61	4.15	196 4.41
III. Children suffering from ailments from which complete recovery is expected in a few weeks.		320	22.28	156	11.72	166	11.29	655 14.72
IV. Children suffering from ailments from which								
(a) Cure is considered possible.		70	4.88	64	4.81	72	4.90	210 4.72
(b) Improvement only considered possible.		21	1.46	19	1.43	38	2.58	84 1.89
Total of (a) and (b)		91	6.34	83	6.24	110	7.48	294 6.61
Total number of children examined		1436	100.00	1331	100.00	1470	100.00	4448 100.00

TABLE IV.

Return of all Exceptional Children of School Age in the Area.

Disability.	At Ordinary Schools.	At Special Schools or Institutions.	At no School or Institution.	Total.
1. Blind	—	—	—	—
2. Partially sighted due to:				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	—	—	—	—
(b) Cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	10	2	—	12
3. Deaf—				
Grade I	67	—	—	67
Grade IIA } Grade IIB }	17	—	—	17
Grade III	—	9	—	9
4. Defective Speech—				
(a) Defects of articulation requiring special educational measures	37	—	—	37
(b) Stammering requiring special educational measures	43	—	—	43
5. Mentally Defective				
(Between 5 and 16 yrs.)—				
(a) Educable	43	16	5	64
(b) Ineducable	3	19	22	44
6. Epilepsy—				
(a) Mild and Occasional	17	—	—	17
(b) Severe	—	—	—	—



## 7. Physically Defective

(Between 5 and 16 yrs.)—

(a) Non - Pulmonary Tuberculosis (excl. Cervical Glands)	—	—	—	—
(b) General Orthopædic Conditions	214	5	3	222
(c) Organic Heart Dis- ease	29	—	—	29
(d) Other Causes of Ill- health*	—	1	3	4
8. Multiple Defects	—	1	1	2

\* Definition of ill-health—"Children who by reason of ill-health are unable to attend ordinary schools or are incapable of receiving proper benefit from the instruction in ordinary schools."

**TABLE V.**  
**STATEMENT OF WORK DONE BY NURSING STAFF**

	No. of Pupils Examined	Number of Visits to Schools.	Cleanliness Medium	Bad Clothing and Footgear	Vermin Body	Vermin Head	Dirty Including Nits
Rural Schools	24,838	649	15	13	—	14	73
Burgh Schools	33,506	372	137	14	5	36	275
Totals	58,344	1,021	152	27	5	50	348

**NUMBER OF NOTICES SENT**

	Vermin Body	Vermin Head	Nits.	Cleanliness	Bad Clothing and Footgear	Home Visits	Visits to Arbroath Clinic.
Rural School	—	5	10	4	3	66	—
Burgh Schools	4	24	168	15	3	203	285
Totals	4	29	178	19	6	269	285

